

IAP15 Rec'd PCT/PTO 05 JAN 2006

PATENT
 Attorney Docket No. 82498
 Customer No. 23685

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of: |) | |
| |) | |
| DAVID GÜTIG |) | |
| |) | |
| Serial No.: Unassigned |) | Group Art Unit: Unknown |
| |) | |
| I.A. Filed: June 29, 2005 |) | Examiner: Unknown |
| |) | |
| For: METHOD FOR THE DETECTION |) | Confirmation Number: Unknown |
| OF CYTOSINE METHYLATIONS |) | |
| IN DNA BY MEANS OF |) | |
| CYTIDINE DEAMINASES |) | |

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, Applicants disclose the following information:

1. U.S. Patent Application Publication No. 2003/0082600A1, inventors Olek et al., published May 1, 2003;
2. U.S. Patent Application Publication No. 2002/0164743A1, inventors Honjo et al., published November 7, 2002;
3. Pham et al., "Processive AID-catalysed cytosine deamination on single-stranded DNA simulates somatic hypermutation," Nature, 424(6944):103-7 (July 3, 2003);
4. Bransteitter et al., "Activation-induced cytidine deaminase deaminates deoxycytidine on single-stranded DNA but requires the action of RNase," PNAS, 100(7):4102-7 (April 1, 2003);
5. Millar et al., "Five Not Four: History and Significance of the Fifth Base," The Epigenome, edited by S. Beck and A. Olek, Wiley-VCH Verlag GmbH, Weinheim, Germany (2003);
6. Ramsahoye et al., "DNA methylation: biology and significance," Blood Reviews, 10:249-61 (1996); and

7. Ramiro et al., "Transcriptase enhances AID-mediated cytidine deamination by exposing single-stranded DNA on the nontemplate strand," Nature Immunology, 4(5):452-6 (May 2003).

Copies of above document nos. 1-2 are not being provided with this paper since these documents are published U.S. patent applications, for which copies are not required. However, copies of above document nos. 3-7 are being provided with this paper. In addition, all of the above documents are listed on the enclosed PTO Forms PTO/SB/08A and PTO/SB/08B. Applicant respectfully requests that the Examiner consider the above-listed documents and evidence that consideration by making appropriate notations on the enclosed forms.

This submission does not represent that a search has been made or that no better prior art exists and does not constitute an admission that the above-listed documents constitute "prior art."

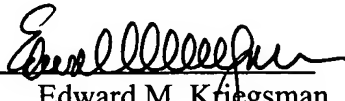
Applicant reserves the right to take appropriate action to establish the patentability of the disclosed invention over the above-listed documents, should the documents be applied against the claims of the present invention.

If there are any fees due in connection with the filing of this paper that are not accounted for, the Examiner is authorized to charge the fees to our Deposit Account No. 11-1755. If a fee is

required for an extension of time under 37 C.F.R. 1.136 that is not accounted for already, such an extension of time is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

Kriegsman & Kriegsman

By: 
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Dated: *January 3, 2006*

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| Application Number | Unassigned |
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| First Named Inventor | David Guetig |
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| Art Unit | Unknown |
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| Examiner Name | Unknown |
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| Attorney Docket Number | 82498 |
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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